

SEQUENCE LISTING

<110> TAKAKURA, Hikaru
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SHIMOJO, Tomoko
ASADA, Kiyozo
KATO, Ikunoshin

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<150> 151969/1997

<151> 1997-06-10

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agggtctcgg gcataaagtt catacaggag gattacaagg ttcaggttga cgacgccact	420
tccgtctccc agataggggc cgataccgtc tggaactccc tcggctacga cggaagcgg	480
gtgggtggtt ccacgtcga tacgggtata gacgcgaacc acccgatct gaagggaag	540
gtcataggct ggtacgacgc cgtcaacggc aggtcgaccc cctacgatga ccaggacac	600
ggaaccacg ttgcgggtat cgttgccgga accggcagcg ttaactcca gtacataggc	660
gtcgcccccg gcgcgaagct cgtcgcgctc aaggttctcg gtgcgacgg ttcggaagc	720
gtctccacca tcatcgcggt tgttgactgg gtctccaga acaaggacaa gtacgggata	780
agggtcatca acctctccct cggtcctcc cagagctccg acggaaccga ctccctcagt	840
caggccgtca acaacgcctg ggacgcgggt atagtagtct gcgtcgccgc cggcaacagc	900
gggccgaaca cctacaccgt cggctcacc gccgcgcga gcaaggtcat aaccgtcgg	960
gcagttgaca gcaacgacaa catcgccagc ttotccagca ggggaccgac cgcgacgga	1020

aggtctcaagc cggaagtcgt cgtccccggc gttgacatca tagccccgcg cgccagcgga 1080
 accagcatgg gcaccccgat aaacgactac tacaccaagg cctctggaac cagcatggcc 1140
 accccgcacg tttcgggctg tggcgcgctc atctctcagg cccacccgag ctggacccccg 1200
 gacaaggtga agaccgcct catcgagacc gccgacatag tcgccccaa ggagatagcg 1260
 gacatcgct acggtgcggg tagggtgaac gtctacaagg ccatcaagta cgacgactac 1320
 gccaaagctca ccttcaccgg ctccgtcgcc gacaaggga gcgccacca caccttcgac 1380
 gtcagcggcg ccaccttcgt gaccgccacc ctctactggg acacgggctc gagcgacatc 1440
 gacctctacc tctacgacc caacgggaac gaggttgact actcctacac cgcctactac 1500
 ggcttcgaga aggtcggcta ctacaaccg accgccgga cctggacggt caaggtcgtc 1560
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 tccggcggcg gcaacccgaa tccaaacccc aaccggaacc caaccccgac caccgacacc 1680
 cagaccttca ccggttcctg taacgactac tgggacacca gcgacacctt caccatgaac 1740
 gtcaacagcg gtgccaccaa gataaccggt gacctgacct tcgatacttc ctacaacgac 1800
 ctcgacctct acctctacga cccaacggc aacctcgttg acaggtccac gtcgagcaac 1860
 agctacgagc acgtcgagta cgccaacccc gccccgggaa cctggacggt cctcgtctac 1920
 gcctacagca cctacggctg ggcggactac cagctcaagg ccgtcgtcta ctacggg 1977

<210> 12
 <211> 659
 <212> PRT
 <213> Thermococcus celer

<400> 12

Met Lys Arg Leu Gly Ala Val Val Leu Ala Leu Val Leu Val Gly Leu
 1 5 10 15
 Leu Ala Gly Thr Ala Leu Ala Ala Pro Val Lys Pro Val Val Arg Asn
 20 25 30
 Asn Ala Val Gln Gln Lys Asn Tyr Gly Leu Leu Thr Pro Gly Leu Phe
 35 40 45
 Lys Lys Val Gln Arg Met Asn Trp Asn Gln Glu Val Asp Thr Val Ile
 50 55 60
 Met Phe Gly Ser Tyr Gly Asp Arg Asp Arg Ala Val Lys Val Leu Arg
 65 70 75 80
 Leu Met Gly Ala Gln Val Lys Tyr Ser Tyr Lys Ile Ile Pro Ala Val
 85 90 95
 Ala Val Lys Ile Lys Ala Arg Asp Leu Leu Leu Ile Ala Gly Met Ile
 100 105 110
 Asp Thr Gly Tyr Phe Gly Asn Thr Arg Val Ser Gly Ile Lys Phe Ile
 115 120 125

Gln Glu Asp Tyr Lys Val Gln Val Asp Asp Ala Thr Ser Val Ser Gln
 130 135 140
 Ile Gly Ala Asp Thr Val Trp Asn Ser Leu Gly Tyr Asp Gly Ser Gly
 145 150 155 160
 Val Val Val Ala Ile Val Asp Thr Gly Ile Asp Ala Asn His Pro Asp
 165 170 175
 Leu Lys Gly Lys Val Ile Gly Trp Tyr Asp Ala Val Asn Gly Arg Ser
 180 185 190
 Thr Pro Tyr Asp Asp Gln Gly His Gly Thr His Val Ala Gly Ile Val
 195 200 205
 Ala Gly Thr Gly Ser Val Asn Ser Gln Tyr Ile Gly Val Ala Pro Gly
 210 215 220
 Ala Lys Leu Val Gly Val Lys Val Leu Gly Ala Asp Gly Ser Gly Ser
 225 230 235 240
 Val Ser Thr Ile Ile Ala Gly Val Asp Trp Val Val Gln Asn Lys Asp
 245 250 255
 Lys Tyr Gly Ile Arg Val Ile Asn Leu Ser Leu Gly Ser Ser Gln Ser
 260 265 270
 Ser Asp Gly Thr Asp Ser Leu Ser Gln Ala Val Asn Asn Ala Trp Asp
 275 280 285
 Ala Gly Ile Val Val Cys Val Ala Ala Gly Asn Ser Gly Pro Asn Thr
 290 295 300
 Tyr Thr Val Gly Ser Pro Ala Ala Ala Ser Lys Val Ile Thr Val Gly
 305 310 315 320
 Ala Val Asp Ser Asn Asp Asn Ile Ala Ser Phe Ser Ser Arg Gly Pro
 325 330 335
 Thr Ala Asp Gly Arg Leu Lys Pro Glu Val Val Ala Pro Gly Val Asp
 340 345 350
 Ile Ile Ala Pro Arg Ala Ser Gly Thr Ser Met Gly Thr Pro Ile Asn
 355 360 365
 Asp Tyr Tyr Thr Lys Ala Ser Gly Thr Ser Met Ala Thr Pro His Val
 370 375 380
 Ser Gly Val Gly Ala Leu Ile Leu Gln Ala His Pro Ser Trp Thr Pro
 385 390 395 400
 Asp Lys Val Lys Thr Ala Leu Ile Glu Thr Ala Asp Ile Val Ala Pro
 405 410 415
 Lys Glu Ile Ala Asp Ile Ala Tyr Gly Ala Gly Arg Val Asn Val Tyr
 420 425 430
 Lys Ala Ile Lys Tyr Asp Asp Tyr Ala Lys Leu Thr Phe Thr Gly Ser
 435 440 445
 Val Ala Asp Lys Gly Ser Ala Thr His Thr Phe Asp Val Ser Gly Ala
 450 455 460

Thr Phe Val Thr Ala Thr Leu Tyr Trp Asp Thr Gly Ser Ser Asp Ile
 465 470 475 480
 Asp Leu Tyr Leu Tyr Asp Pro Asn Gly Asn Glu Val Asp Tyr Ser Tyr
 485 490 495
 Thr Ala Tyr Tyr Gly Phe Glu Lys Val Gly Tyr Tyr Asn Pro Thr Ala
 500 505 510
 Gly Thr Trp Thr Val Lys Val Val Ser Tyr Lys Gly Ala Ala Asn Tyr
 515 520 525
 Gln Val Asp Val Val Ser Asp Gly Ser Leu Ser Gln Ser Gly Gly Gly
 530 535 540
 Asn Pro Asn Pro Asn Pro Asn Pro Asn Pro Thr Pro Thr Thr Asp Thr
 545 550 555 560
 Gln Thr Phe Thr Gly Ser Val Asn Asp Tyr Trp Asp Thr Ser Asp Thr
 565 570 575
 Phe Thr Met Asn Val Asn Ser Gly Ala Thr Lys Ile Thr Gly Asp Leu
 580 585 590
 Thr Phe Asp Thr Ser Tyr Asn Asp Leu Asp Leu Tyr Leu Tyr Asp Pro
 595 600 605
 Asn Gly Asn Leu Val Asp Arg Ser Thr Ser Ser Asn Ser Tyr Glu His
 610 615 620
 Val Glu Tyr Ala Asn Pro Ala Pro Gly Thr Trp Thr Phe Leu Val Tyr
 625 630 635 640
 Ala Tyr Ser Thr Tyr Gly Trp Ala Asp Tyr Gln Leu Lys Ala Val Val
 645 650 655
 Tyr Tyr Gly

<210> 13
 <211> 28
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic

<400> 13
 agagggatcc atgaaggggc tgaaagct

28

<210> 14
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic

<400> 14
 agaggcatgc gctctagact ctgggagagt

30

<210> 15
 <211> 1962
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic

<400> 15
 atgaaggggc tgaaagctct catattagtg attttagttc taggtttggt agtagggagc 60
 gtagcggcag ctccagagaa gaaagttgaa caagtaagaa atgttgagaa gaactatggt 120
 ctgctaacgc caggactgtt cagaaaaatt caaaaattga atcctaacga ggaaatcagc 180
 acagtaattg tatttgaaaa ccatagggaa aaagaaattg cagtaagagt tcttgagtta 240
 atgggtgcaa aagttaggta tgtgtacat attatacccg caatagctgc cgatcttaag 300
 gttagagact tactagtcat ctgaggttta acagggggta aagctaagct ttcaggtgtt 360
 aggtttatcc aggaagacta caaagttaca gtttcagcag aattagaagg actggatgag 420
 tctgcagctc aagttatggc aacttacgtt tggaacttgg gatatgatgg ttctggaatc 480
 acaataggaa taattgacac tggaattgac gcttctcatc cagatctcca aggaaaagta 540
 attgggtggg tagattttgt caatggtagg agttatccat acgatgacca tggacatgga 600
 actcatgtag cttcaatagc agctggtact ggagcagcaa gtaatggcaa gtacaagggg 660
 atggctccag gagctaagct ggcgggaatt aaggttctag gtgccgatgg ttctggaagc 720
 atatctacta taattaaggg agttgagtgg gccgttgata acaaagataa gtacggaatt 780
 aaggtcatta atctttctct tggttcaagc cagagctcag atggtactga cgctctaagt 840
 caggctgtta atgcagcgtg ggatgctgga ttagttgttg tggttgccgc tggaaacagt 900
 ggacctaaac agtatacaat cggttctcca gcagctgcaa gcaaagttat tacagttgga 960
 gccgttgaca agtatgatgt tataacaagc ttctcaagca gagggccaac tgcagacggc 1020
 aggcttaagc ctgaggttgt tgctccagga aactggataa ttgctgccag agcaagtgga 1080
 actagcatgg gtcaaccaat taatgactat tacacagcag ctctggggac atcaatggca 1140
 actctcacg tagctggtat tgcagccctc ttgctccaag cacaccogag ctggactcca 1200
 gacaaagtaa aaacagccct catagaaact gctgatatcg taaagccaga tgaaatagcc 1260
 gatatagcct acggtgcagg tagggttaat gcatacaagg ctataaacta cgataactat 1320
 gcaaagctag tgttcactgg atatgttgcc aacaaaggca gccaaactca ccagttcggt 1380
 attagcggag cttcgttcgt aactgccaca ttatactggg acaatgcaa tagcgacctt 1440
 gatctttacc tctacgatcc caatggaaac caggttgact actcttacac cgcctactat 1500
 ggattcgaaa aggttggtta ttacaacca actgatggaa catggacaat taaggttgta 1560
 agctacagcg gaagtgcaaa ctatcaagta gatgtggtta gtgatggttc cctttcacag 1620

cctggaagtt caccatctcc acaaccagaa ccaacagtag acgcaaagac gttccaagga 1680
 tccgatcact actactatga caggagcgac acctttacaa tgaccgttaa ctctggggct 1740
 acaaagatta ctggagacct agtgtttgac acaagctacc atgatcttga cctttacctc 1800
 tacgataccta accagaagct tgtagataga tcggagagtc ccaacagcta cgaacacgta 1860
 gaataacttaa cccccgcccc aggaacctgg tacttcctag tatatgccta ctacacttac 1920
 gggtggggctt actacgagct gacggctaaa gtttattatg gc 1962

<210> 16
 <211> 654
 <212> PRT
 <213> Pyrococcus furiosus

<400> 16

Met Lys Gly Leu Lys Ala Leu Ile Leu Val Ile Leu Val Leu Gly Leu
 1 5 10 15
 Val Val Gly Ser Val Ala Ala Ala Pro Glu Lys Lys Val Glu Gln Val
 20 25 30
 Arg Asn Val Glu Lys Asn Tyr Gly Leu Leu Thr Pro Gly Leu Phe Arg
 35 40 45
 Lys Ile Gln Lys Leu Asn Pro Asn Glu Glu Ile Ser Thr Val Ile Val
 50 55 60
 Phe Glu Asn His Arg Glu Lys Glu Ile Ala Val Arg Val Leu Glu Leu
 65 70 75 80
 Met Gly Ala Lys Val Arg Tyr Val Tyr His Ile Ile Pro Ala Ile Ala
 85 90 95
 Ala Asp Leu Lys Val Arg Asp Leu Leu Val Ile Ser Gly Leu Thr Gly
 100 105 110
 Gly Lys Ala Lys Leu Ser Gly Val Arg Phe Ile Gln Glu Asp Tyr Lys
 115 120 125
 Val Thr Val Ser Ala Glu Leu Glu Gly Leu Asp Glu Ser Ala Ala Gln
 130 135 140
 Val Met Ala Thr Tyr Val Trp Asn Leu Gly Tyr Asp Gly Ser Gly Ile
 145 150 155 160
 Thr Ile Gly Ile Ile Asp Thr Gly Ile Asp Ala Ser His Pro Asp Leu
 165 170 175
 Gln Gly Lys Val Ile Gly Trp Val Asp Phe Val Asn Gly Arg Ser Tyr
 180 185 190
 Pro Tyr Asp Asp His Gly His Gly Thr His Val Ala Ser Ile Ala Ala
 195 200 205
 Gly Thr Gly Ala Ala Ser Asn Gly Lys Tyr Lys Gly Met Ala Pro Gly
 210 215 220

Ala Lys Leu Ala Gly Ile Lys Val Leu Gly Ala Asp Gly Ser Gly Ser
 225 230 235 240
 Ile Ser Thr Ile Ile Lys Gly Val Glu Trp Ala Val Asp Asn Lys Asp
 245 250 255
 Lys Tyr Gly Ile Lys Val Ile Asn Leu Ser Leu Gly Ser Ser Gln Ser
 260 265 270
 Ser Asp Gly Thr Asp Ala Leu Ser Gln Ala Val Asn Ala Ala Trp Asp
 275 280 285
 Ala Gly Leu Val Val Val Val Ala Ala Gly Asn Ser Gly Pro Asn Lys
 290 295 300
 Tyr Thr Ile Gly Ser Pro Ala Ala Ala Ser Lys Val Ile Thr Val Gly
 305 310 315 320
 Ala Val Asp Lys Tyr Asp Val Ile Thr Ser Phe Ser Ser Arg Gly Pro
 325 330 335
 Thr Ala Asp Gly Arg Leu Lys Pro Glu Val Val Ala Pro Gly Asn Trp
 340 345 350
 Ile Ile Ala Ala Arg Ala Ser Gly Thr Ser Met Gly Gln Pro Ile Asn
 355 360 365
 Asp Tyr Tyr Thr Ala Ala Pro Gly Thr Ser Met Ala Thr Pro His Val
 370 375 380
 Ala Gly Ile Ala Ala Leu Leu Leu Gln Ala His Pro Ser Trp Thr Pro
 385 390 395 400
 Asp Lys Val Lys Thr Ala Leu Ile Glu Thr Ala Asp Ile Val Lys Pro
 405 410 415
 Asp Glu Ile Ala Asp Ile Ala Tyr Gly Ala Gly Arg Val Asn Ala Tyr
 420 425 430
 Lys Ala Ile Asn Tyr Asp Asn Tyr Ala Lys Leu Val Phe Thr Gly Tyr
 435 440 445
 Val Ala Asn Lys Gly Ser Gln Thr His Gln Phe Val Ile Ser Gly Ala
 450 455 460
 Ser Phe Val Thr Ala Thr Leu Tyr Trp Asp Asn Ala Asn Ser Asp Leu
 465 470 475 480
 Asp Leu Tyr Leu Tyr Asp Pro Asn Gly Asn Gln Val Asp Tyr Ser Tyr
 485 490 495
 Thr Ala Tyr Tyr Gly Phe Glu Lys Val Gly Tyr Tyr Asn Pro Thr Asp
 500 505 510
 Gly Thr Trp Thr Ile Lys Val Val Ser Tyr Ser Gly Ser Ala Asn Tyr
 515 520 525
 Gln Val Asp Val Val Ser Asp Gly Ser Leu Ser Gln Pro Gly Ser Ser
 530 535 540
 Pro Ser Pro Gln Pro Glu Pro Thr Val Asp Ala Lys Thr Phe Gln Gly
 545 550 555 560

Ser Asp His Tyr Tyr Tyr Asp Arg Ser Asp Thr Phe Thr Met Thr Val
 565 570 575
 Asn Ser Gly Ala Thr Lys Ile Thr Gly Asp Leu Val Phe Asp Thr Ser
 580 585 590
 Tyr His Asp Leu Asp Leu Tyr Leu Tyr Asp Pro Asn Gln Lys Leu Val
 595 600 605
 Asp Arg Ser Glu Ser Pro Asn Ser Tyr Glu His Val Glu Tyr Leu Thr
 610 615 620
 Pro Ala Pro Gly Thr Trp Tyr Phe Leu Val Tyr Ala Tyr Tyr Thr Tyr
 625 630 635 640
 Gly Trp Ala Tyr Tyr Glu Leu Thr Ala Lys Val Tyr Tyr Gly
 645 650

<210> 17
 <211> 25
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic

<400> 17
 tctgaattcg ttcttttctg tatgg

25

<210> 18
 <211> 20
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic

<400> 18
 tgtactgctg gatccggcag

20

<210> 19
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic

<400> 19
 agaggcatgc gatatccatca gattttttgag

30

<210> 20
 <211> 20
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic

<400> 20

agtgaacgga tacttggaac

20

<210> 21
 <211> 20
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic

<400> 21
 gttccaagta tccgttcact

20

<210> 22
 <211> 12
 <212> PRT
 <213> Pyrococcus furiosus

<400> 22

Ala Glu Leu Glu Gly Leu Asp Glu Ser Ala Ala Gln
 1 5 10

<210> 23
 <211> 24
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic

<400> 23
 tcatggatcc accctctcct ttta

24

<210> 24
 <211> 46
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> misc_feature
 <222> (20)..(25)
 <223> n at positions 20-25 is a, c, g, or t.

<400> 24
 gtctgcgcag gctgccggan nnnnnatgaa ggggctgaaa gctctc

46

<210> 25
 <211> 49
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> misc_feature
 <222> (22)..(27)
 <223> n at positions 22-27 is a, c, g, or t.

<400> 25
 gagagctttc agccccttca tnnnnntcc ggcagcctgc gcagacatg 49

<210> 26
 <211> 27
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic

<400> 26
 agagggggat ccgtgagaag caaaaaa 27

<210> 27
 <211> 20
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic

<400> 27
 gatgactagt aagtctctaa 20

<210> 28
 <211> 20
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic

<400> 28
 aagcctgagg ttgttgctcc 20

<210> 29
 <211> 29
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic

<400> 29
 gggcatgctc atgaacttcc aggctgtga 29

<210> 30
 <211> 4
 <212> PRT
 <213> Artificial

<220>

<223> Synthetic

<400> 30

Ala Gly Gly Asn

1

<210> 31

<211> 382

<212> PRT

<213> Bacillus subtilis

<400> 31

Met Arg Gly Lys Lys Val Trp Ile Ser Leu Leu Phe Ala Leu Ala Leu
1 5 10 15Ile Phe Thr Met Ala Phe Gly Ser Thr Ser Ser Ala Gln Ala Ala Gly
20 25 30Lys Ser Asn Gly Glu Lys Lys Tyr Ile Val Gly Phe Lys Gln Thr Met
35 40 45Ser Thr Met Ser Ala Ala Lys Lys Lys Asp Val Ile Ser Glu Lys Gly
50 55 60Gly Lys Val Gln Lys Gln Phe Lys Tyr Val Asp Ala Ala Ser Ala Thr
65 70 75 80Leu Asn Glu Lys Ala Val Lys Glu Leu Lys Lys Asp Pro Ser Val Ala
85 90 95Tyr Val Glu Glu Asp His Val Ala His Ala Tyr Ala Gln Ser Val Pro
100 105 110Tyr Gly Val Ser Gln Ile Lys Ala Pro Ala Leu His Ser Gln Gly Tyr
115 120 125Thr Gly Ser Asn Val Lys Val Ala Val Ile Asp Ser Gly Ile Asp Ser
130 135 140Ser His Pro Asp Leu Lys Val Ala Gly Gly Ala Ser Met Val Pro Ser
145 150 155 160Glu Thr Asn Pro Phe Gln Asp Asn Asn Ser His Gly Thr His Val Ala
165 170 175Gly Thr Val Ala Ala Leu Asn Asn Ser Ile Gly Val Leu Gly Val Ala
180 185 190Pro Ser Ala Ser Leu Tyr Ala Val Lys Val Leu Gly Ala Asp Gly Ser
195 200 205Gly Gln Tyr Ser Trp Ile Ile Asn Gly Ile Glu Trp Ala Ile Ala Asn
210 215 220Asn Met Asp Val Ile Asn Met Ser Leu Gly Gly Pro Ser Gly Ser Ala
225 230 235 240Ala Leu Lys Ala Ala Val Asp Lys Ala Val Ala Ser Gly Val Val Val
245 250 255

Val Ala Ala Ala Gly Asn Glu Gly Thr Ser Gly Ser Ser Ser Thr Val
 260 265 270

Gly Tyr Pro Gly Lys Tyr Pro Ser Val Ile Ala Val Gly Ala Val Asp
 275 280 285

Ser Ser Asn Gln Arg Ala Ser Phe Ser Ser Val Gly Pro Glu Leu Asp
 290 295 300

Val Met Ala Pro Gly Val Ser Ile Gln Ser Thr Leu Pro Gly Asn Lys
 305 310 315 320

Tyr Gly Ala Tyr Asn Gly Thr Ser Met Ala Ser Pro His Val Ala Gly
 325 330 335

Ala Ala Ala Leu Ile Leu Ser Lys His Pro Asn Trp Thr Asn Thr Gln
 340 345 350

Val Arg Ser Ser Leu Glu Asn Thr Thr Lys Leu Gly Asp Ser Phe
 355 360 365

Tyr Tyr Gly Lys Gly Leu Ile Asn Val Gln Ala Ala Ala Gln
 370 375 380

<210> 32
 <211> 4
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> misc_feature
 <223> Residue 1 is modified by a succinyl group.

<220>
 <221> misc_feature
 <223> Residue 4 is modified by a 4-methylcoumarin-7-amide group.

<400> 32

Leu Leu Val Tyr
 1

<210> 33
 <211> 4
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> misc_feature
 <223> Residue 1 is modified by a succinyl group.

<220>
 <221> misc_feature
 <223> Residue 4 is modified by a p-nitroaniline group.

<400> 33

Ala Ala Pro Phe
1